

HYDROELECTRIC POWER - 1997

POWER GENERATION, PURCHASE, DISTRIBUTION, AND BANKING

POWER GENERATION AND PURCHASE	<u>Kilowatt Hours</u>	<u>Value</u>
Net Power Generation: ¹		
Dillon	14,130,366	\$ 509,544
Foothills	10,262,167	487,954
Hillcrest	7,443,594	241,228
Roberts Tunnel	3,000,277	69,852
Strontia Springs	7,688,616	268,764
Williams Fork	14,043,670	452,445
Total Power Generation	56,568,690	2,029,787
Power Purchased for Department of Energy (DOE) power interference	7,102,830	200,719
TOTAL POWER GENERATION AND PURCHASE	<u>63,671,520</u>	<u>2,230,506</u>
POWER DISTRIBUTION		
Power Consumption: ¹		
Foothills	5,447,404	268,933
Hillcrest	1,137,953	86,462
Total Power Consumption	<u>6,585,357</u>	<u>355,395</u>
Power Sales:		
To Public Service:		
Dillon	14,130,366	509,544
Foothills	4,814,763	219,021
Hillcrest	6,305,641	154,766
Roberts Tunnel	3,000,277	69,852
Strontia Springs	7,688,616	268,764
	<u>35,939,663</u>	<u>1,221,947</u>
To Tri-State:		
Williams Fork	11,920,500	376,384
Total Power Sales	<u>47,860,163</u>	<u>1,598,331</u>
Power Deliveries to DOE for Power Interference:		
Williams Fork	2,123,170	76,061
Purchased Power	7,102,830	200,719
Total Power Deliveries to DOE	<u>9,226,000</u>	<u>276,780</u>
TOTAL POWER DISTRIBUTION	<u>63,671,520</u>	<u>2,230,506</u>
DOE BANKED POWER INTERFERENCE ACCOUNT		
Balance, Beginning of Year	140,828,000	4,224,840
Power Deliveries to DOE	9,226,000	276,780
Net Interference	(9,312,000)	(279,360)
Balance, End of Year	<u>140,742,000</u>	<u>\$ 4,222,260</u>

¹Net Power Generation is total generation less station service (except Foothills and Hillcrest) and transmission wheeling losses.

Value of Williams Fork power and that consumed by Foothills and Hillcrest based on PSC tariff schedule TT, June 4, 1988.

²Value based on 30 mills/kwh (approximate average of PSC and DOE rates).

HYDROELECTRIC POWER - 1997 (Continued)

POWER VALUE, COST, AND RETURN ON INVESTMENT

	Power Plant						Total
	<u>Dillon</u>	<u>Foothills</u>	<u>Hillcrest</u>	<u>Roberts Tunnel</u>	<u>Strontia Springs</u>	<u>Williams Fork</u>	
Date of Commercial Operation:	Oct 1, 1987	May 25, 1985	Jun 30, 1993	Jan 30, 1988	Aug 11, 1986	July 25, 1959	
VALUE OF POWER GENERATION							
Public Service Company Sales	\$ 509,544	\$ 219,021	\$ 154,766	\$ 69,852	\$ 268,764	\$ -	\$ 1,221,947
Foothills Consumption	-	268,933	-	-	-	-	268,933
Hillcrest Consumption	-	-	86,462	-	-	-	86,462
Delivered to DOE	-	-	-	-	-	76,061	76,061
Delivered to Tri-State	-	-	-	-	-	376,384	376,384
TOTAL VALUE	<u>509,544</u>	<u>487,954</u>	<u>241,228</u>	<u>69,852</u>	<u>268,764</u>	<u>452,445</u>	<u>2,029,787</u>
COST OF POWER GENERATION							
Transmission Wheeling	-	-	-	8,239	-	-	8,239
Operation and Maintenance	55,737	93,772	81,243	771,980	76,357	88,505	1,167,594
Administrative Expense	15,026	32,630	19,845	63,241	20,088	21,890	172,720
Depreciation	<u>91,033</u>	<u>64,176</u>	<u>134,383</u>	<u>125,222</u>	<u>42,984</u>	<u>14,776</u>	<u>472,574</u>
TOTAL COST	<u>161,796</u>	<u>190,578</u>	<u>235,471</u>	<u>968,682</u>	<u>139,429</u>	<u>125,171</u>	<u>1,821,127</u>
Net Return (Loss)	<u>\$ 347,748</u>	<u>\$ 297,376</u>	<u>\$ 5,757</u>	<u>\$ (898,830)</u>	<u>\$ 129,335</u>	<u>\$ 327,274</u>	<u>\$ 208,660</u>
Plant Investment (Before Depreciation)	<u>\$ 4,375,508</u>	<u>\$ 2,687,611</u>	<u>\$ 6,262,033</u>	<u>\$ 5,883,074</u>	<u>\$ 1,704,126</u>	<u>\$ 1,155,166</u>	<u>\$ 22,067,518</u>
Return on Investment	<u>8%</u>	<u>11%</u>	<u>0%</u>	<u>(15)%</u>	<u>8%</u>	<u>28%</u>	<u>1%</u>